

HUNGERFORD & TERRY, INC.

Manufacturers of Water Treating Equipment

P.O. BOX 650
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April 11, 1994

Mr. Tracy Walker
OHM Corporation
200 Horizon Center Boulevard
Trenton, New Jersey 08691-1904

Reference: Resin Sample -
Chase Interiors Job Site

Dear Mr. Walker:

We have received the resin sample that you sent to us from the above-referenced site.

The sample is composed of softening resin (sodium form cation resin). I have enclosed an MSDS from Dow Chemical. This may or may not be Dow resin. However, the resin would be the same despite who the original manufacturer may have been.

Please contact me if you require any additional information.

Very truly yours,

HUNGERFORD & TERRY, INC.

Raymond W. Ellis,
Technical Department

RWE/Fay
Enclosure

357805



Material Safety Data Sheet**Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400**

Product Code: 23094

Page: 1

Product Name: DOWEX (R) HCR-S, 20-50 MESH, CATION EXCHANGE RESIN

Effective Date: 06/14/91 Date Printed: 09/29/93

MSDS:001158

1. INGREDIENTS: (% w/w, unless otherwise noted)

Sulfonated copolymer of styrene and
divinylbenzene in the sodium form CAS# 069011-22-9 40-70%
Water CAS# 007732-18-5

This document is prepared pursuant to the OSHA Hazard
Communication Standard (29 CFR 1910.1200). In addition, other
substances not 'Hazardous' per this OSHA Standard may be listed.
Where proprietary ingredient shows, the identity may be made
available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable
VAP PRESS: Not applicable
VAP DENSITY: Not applicable
SOL. IN WATER: Insoluble
SP. GRAVITY: Density 53 lb/ft³
APPEARANCE: Light yellow to amber solid (beads).
ODOR: Not applicable

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not applic.
METHOD USED: Not applic.

FLAMMABLE LIMITS
LFL: Not applic.
UFL: Not applic.

EXTINGUISHING MEDIA: Dry chemical.

FIRE & EXPLOSION HAZARDS: Product is not combustible
until moisture is removed, then resin starts to burn
in flame at 230C. Autoignition occurs above 500C.
Naphthalene, benzaldehydes, phenol, carbon dioxide, water,
sulfur oxides, organic sulfonates are possible fire combustion
products.

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* An Operating Unit of The Dow Chemical Company



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6. HEALTH HAZARD DATA: (CONTINUED)

INGESTION: Single dose oral toxicity is believed to be low. No hazards anticipated from ingestion incidental to industrial exposure.

INHALATION: Vapors are unlikely due to physical properties.

SYSTEMIC & OTHER EFFECTS: No specific data available, however, repeated exposures are not anticipated to cause any significant adverse effects.

7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes.

SKIN: No adverse effects anticipated by this route of exposure.

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: No adverse effects anticipated by this route of exposure.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE (S): None established.

VENTILATION: Good general ventilation should be sufficient.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

EYE PROTECTION: Use safety glasses.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Practice reasonable care and caution. Metal equipment should be compatible with feed, regenerant, resin form, and effluent

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REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

CANADIAN REGULATIONS

WHMIS INFORMATION: The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

CANADIAN TDG INFORMATION: For guidance, the Transportation of Dangerous Goods Classification for this product is:

Not regulated

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Express Or Implied, Is Made. Consult The Dow Chemical Company
For Further Information.

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